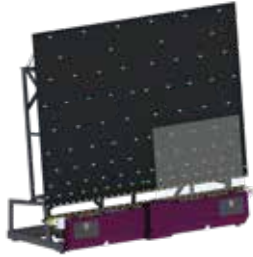


The **IGS4.0 series** is the sealing robot technology we have developed as the new member of the IG4.0 family. It offers a high-capacity insulating glass sealing experience with expandable additional features according to your needs and preferences.

### A- Conveyor System



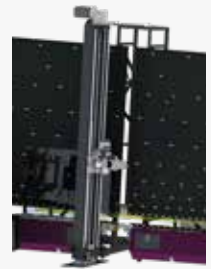
Thanks to the modular conveyor system, you can configure your line as desired, either at the time of order or afterwards.

IGS conveyors are developed with a dual station not only to create a stock area but also to increase your production capacity.

### B- Sealant Aplicator

The sealant applicator, enriched with dimensions and technological functions, has been developed to increase application speed and quality.

- + Modular Structure
- + Easy Installation
- + Strong and Durable
- + High Speed and Precision
- + Hydraulic/Servo Front Panel Drive System Options



### C- Pump System



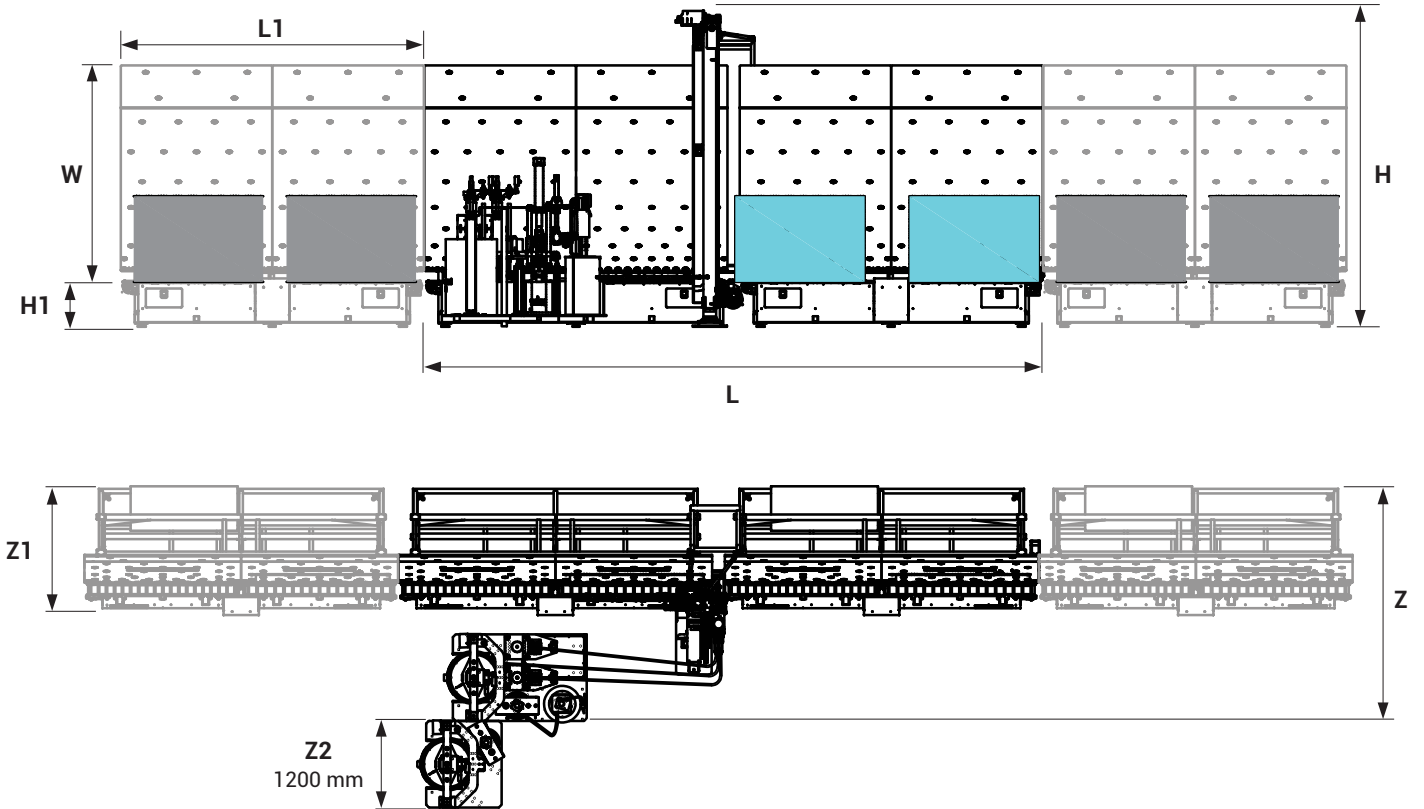
The compact and powerful sealant preparation group has a suitable infrastructure for both dynamic and static mixers.

- + Configurable
- + Easy tank change
- + Servo-Hydraulic Unit
- + C1 - Single Pump + Single Component
- + C2 - Dual Pump + Single Component
- + C2 - Dual Pump + Dual Component



# IGS4.0

## Servo Motor Driven Automatic Glass Sealing Robot



### Technical Data

|        | Double Glazed Units | Triple Glass | Quadruple Glass | Structural glass | Conveyors      | Max. IGU Weight                         | Max. IGU Thickness | Max. Speed | Max. Flow Rate |
|--------|---------------------|--------------|-----------------|------------------|----------------|---|--------------------|------------|----------------|
| IGS4.2 |                     | Ops.         |                 |                  | Double Station | 375 Kg/ Station                         | 60 mm              | 50 m/min   | 5 L/min        |
| IGS4.3 |                     |              | Ops.            |                  | Double Station | 375 kg/ Station (Structural IGU 500 kg) | 100 mm             | 50 m/min   | 5 L/min        |

\*Images are for representation

| IGS   | Glass width (W) (mm) |      |      |      | Machine Dimensions (mm) |      |      |  |      |      |      |          |      |
|-------|----------------------|------|------|------|-------------------------|------|------|--|------|------|------|----------|------|
|       | 2000                 | 2500 | 2800 | 3300 | L                       | Z    | L1   | 2000   | 2500 | 2800 | 3300 | H1       | Z1   |
| 3000  | 3020                 | 3025 | 3028 |      | 7500                    | 3000 | 3500 | Height H   |      |      |      |          |      |
| 4000  | 4020                 | 4025 | 4028 | 4033 | 9500                    | 3000 | 4500 | 3250   | 3750 | 4050 | 4550 | 520(±30) | 1500 |
| 5000  | 5020                 | 5025 | 5028 | 5033 | 10500                   | 3000 | 5500 |  |      |      |      |          |      |
| Jumbo | XL20                 | XL25 | XL28 | XL33 |                         |      |      | Please contact to your sales representative for different size requests. |      |      |      |          |      |

\* Units of measurement - mm.

## Key Features

**Sealant Control and Precise Positioning**

**Modular System Infrastructure**

**Automatic Freeze Control and Mixer Cleaning**

### A- Conveyor System



#### Glass Conveyance System

- + Roller Belt Cleaning
- + Middle Glass Support
- + Easy Maintenance and Pad Replacement
- + Palletized Transport Legs

#### Recipe Management

Save your datas and settings.



#### Operator Panel

Take control under favor of user friendly operator panel.



#### Remote Access

Remote access feature provides advanced online assistance and troubleshooting.



### Jumbo / Tandem Line Compatibility

It provides the opportunity for the production of insulated glass in Jumbo dimensions in a single operation. With this compatibility, your line can be converted to a tandem/Jumbo glass sealing line at a low cost in the future.



✓ Modular system infrastructure that will provide you with the solution you are looking for, with a variety of versions and options

✓ Thanks to the smart modular system, the opportunity to increase your production capacity at a minimum cost in the future

✓ Minimum transfer/shipping cost

## Optional Features

 **Schüco**  
Profile Sealing

 **Uninterrupted**  
Sealing with Dual Pump

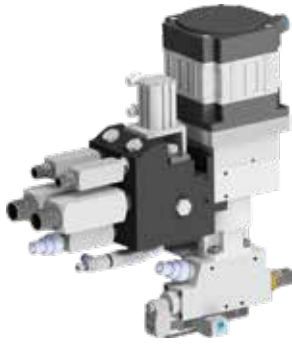
 **Dual Component**  
Tank and Pump System

### Opt. Inlet/Outlet Stock Side Wall

The easiest way to absorb delays stemming from previous and subsequent processes and to increase efficiency

### Opt. Shaped Glass Sealing

The sealing of the glasses in the shape library can be carried out without any errors.



### Opt. Dynamic Mixer Technology

The dynamic mixer is the most effective way to take control of pressure and flow while achieving the best mixture.

- + Custom-designed rotor system
- + High mixing torque
- + Dynamic control
- + Automatic cleaning system
- + Low system pressure

### Opt. Sealant Recognition System

Sealant brand change, tank change, and dynamic flow optimization is performed by detecting the flow characteristic that occurs due to temperature change during the day.

### Opt. Head Centering System

It ensures the centering of the applicator by automatically detecting the curves formed in tempered and jumbo size insulated glass units.

### Opt. FS Step Glass ( Structural Glass ) Function

Developed using precisely positionable mechanisms for safe and stable sealing of facade glass.

- + Precise Positioning
- + Strong Mechanical Structure
- + BE, LE, RE, UE: Max: 150 mm

